



NOTICE OF PUBLICATION OF CATEGORICAL EXCLUSION
PLENTYWOOD, MONTANA
SRF PROJECT#: C302254

PLENTYWOOD WASTEWATER COLLECTION SYSTEM IMPROVEMENTS – PHASE 2

December 2, 2019

The Montana Department of Environmental Quality has reviewed the above-named project. The City of Plentywood has identified, through cleaning and video inspections, the need to rehabilitate/replace portions of its wastewater collection system. Much of the collection system consists of clay tile (and some concrete pipe) which was installed in the 1930s, 40s, and 50s and is showing signs of wear and even failure at some locations. Deficiencies in these mains include offset joints, root intrusions, sagging pipes, service tap intrusions, and cracks in the pipes, which will only worsen over time as the pipe continues to deteriorate with age. In addition to structural failure, which can result in sewage backups, these deficiencies also allow groundwater to infiltrate into the collection mains. Flow monitoring has shown that the collection system experiences groundwater infiltration in the range of 65,000 gallons per day in the winter to 120,000 gallons per day in the spring/summer, nearly doubling the amount of wastewater that should be entering the lagoons, based on population. These elevated flows also increase pumping costs at the lift station and utilize treatment capacity at the lagoons, which can negatively impact treatment. The problems are widespread, so the City has decided to complete the project in two phases to maximize grant funding, thereby making the overall project more affordable for its residents. The first phase was completed in spring 2019. The proposed phase 2 project will consist of the replacement of 6,500 linear feet (LF) of sewer main; the replacement of 42 manholes; the rehabilitation of 12,000 LF of sewer main using cured-in-place pipe (CIPP); and the rehabilitation of 50 manholes. This project also consists of the replacement of all controls, equipment, and pumps in the City's lift station, as well as replacement of approximately 1,300 linear feet of 6" force main.

Pursuant to ARM 17.40.318, the Montana Department of Environmental Quality has concluded that the proposed project meets the Categorical Exclusion criteria of the National Environmental Policy Act (NEPA) and the Montana Environmental Policy Act (MEPA). The Categorical Exclusion may be revoked if the project is not initiated within the time period specified in the Preliminary Engineering Report, a new or modified application is submitted, or new evidence demonstrates serious local or environmental issues exist, or state, local, tribal, or federal laws are violated.

The documentation for the Categorical Exclusion is available for public review at the following locations:

Department of Environmental Quality
State Revolving Fund Loan Program
1520 East Sixth Ave.
Helena, MT 59620

Randy Rice, Mayor
City of Plentywood
205 W 1st Ave.
Plentywood, Montana 59254
Phone (406) 765-1700

Sincerely,



Kevin B. Smith, Bureau Chief
Engineering Bureau
Water Quality Division
Montana Department of Environmental Quality

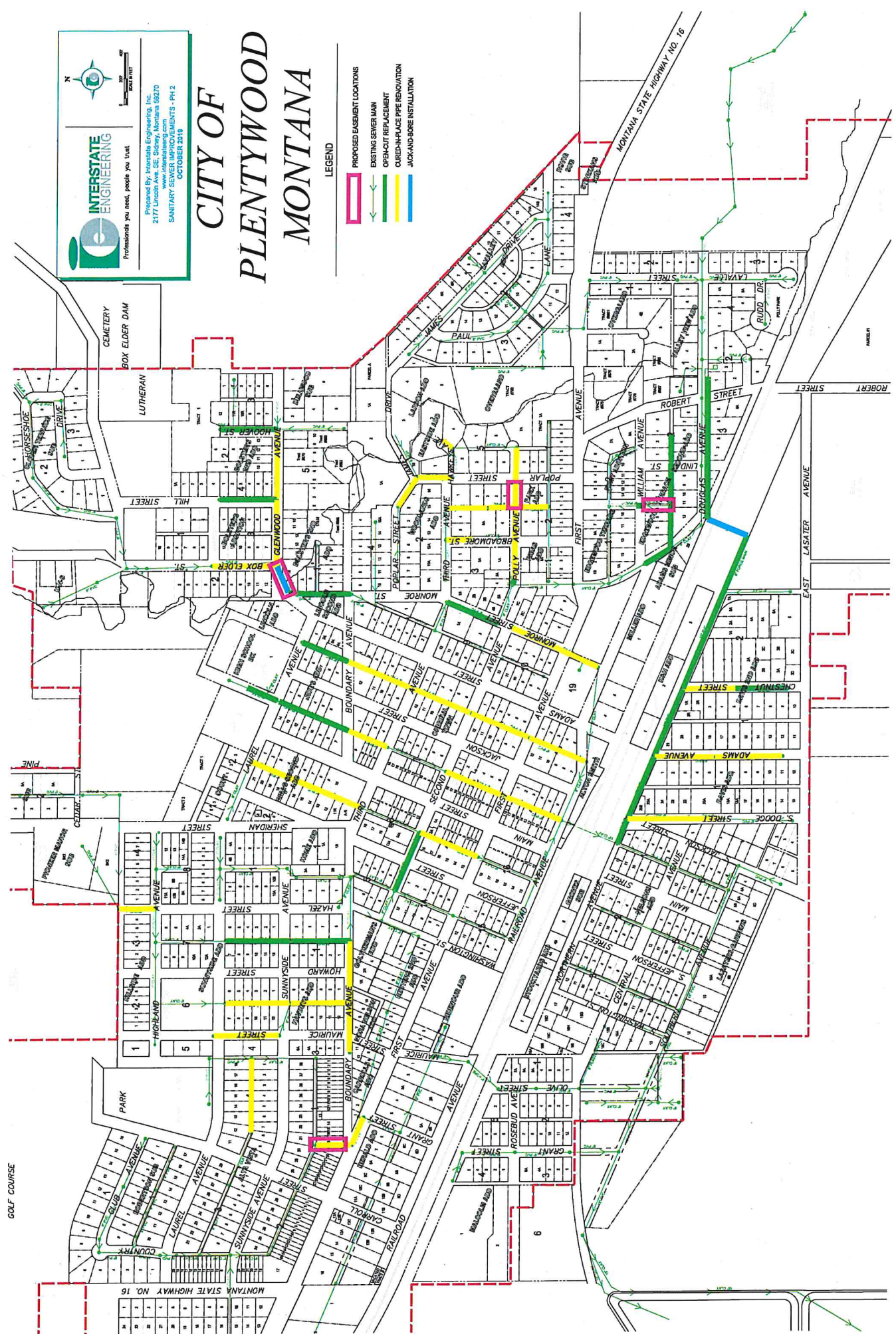


**INTERSTATE
ENGINEERING**
Professionals you need, people you trust.

Prepared By: Interstate Engineering, Inc.
2177 Lincoln Ave. SE, Sidney, Montana 59270
SANITARY SEWER IMPROVEMENTS - PH 2
OCTOBER 2019

CITY OF PLENTYWOOD MONTANA

- LEGEND**
- PROPOSED BASEMENT LOCATIONS
 - EXISTING SEWER MAIN
 - OPEN-CUT REPLACEMENT
 - CURED-IN-PLACE PIPE RENOVATION
 - JACK-AND-BORE INSTALLATION



GOLF COURSE